

08-26-04

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Dated: 8/24/04

Signature: *Mani Reen*

(Mani Reen)

*1631*

Docket No.: 56268(41925)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Michael Almstetter et al.

Application No.: 09/889,807

Confirmation No.: 9002

Filed: March 1, 2002

Art Unit: 1631

For: METHOD FOR THE COMBINATORIAL  
DISCOVERY OF REACTIONS FOR  
THE PREPARATION OF USEFUL  
COMPOUNDS

Examiner: Andrew A. Kenedy

**INFORMATION DISCLOSURE STATEMENT (IDS)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of each reference on the PTO/SB/08 is attached.

08/27/2004 JBALINAH 00000061 09889807

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In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

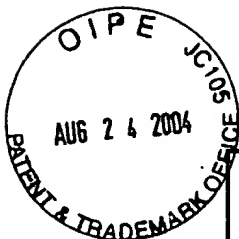
It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 56268(41925).

Dated: August 24, 2004

Respectfully submitted,

By   
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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	09/889,807-Conf. #9002
				Filing Date	March 1, 2002
				First Named Inventor	Michael Almstetter
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	56268(41925)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	5,463,564	10/31/1995	Agrafiotis et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
	BA	WIPO	10/27/1994	Kauffman et al.		

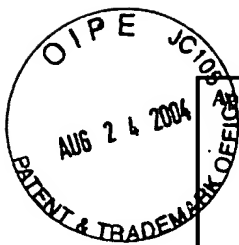
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	Gallop et al., "Applications of Combinatorial Technologies to Drug Discovery. 1. Background and Peptide Combinatorial Libraries", April 29, 1994; J. Med Chem., vol. 37(9);1233-1251	
	CB	Chaitan Khosla, " Harnessing the Biosynthetic Potential of Modular Polyketide Synthases", 1997; Chem Rev., vol. 97 (7); 2578-2590.	
	CC	Harris et al., "Biomimetic Syntheses of Aromatic Polyketide Metabolites", 1986; Pure & Appl. Chem., vol. 58 (2) ;283-294.	
	CD	Nicolaou et al., "Designed Epothilones: Combinatorial Synthesis, Tublin Assembly Properties, and Cytotoxic Action against Taxol-Resistant Tumor Cells", 1997; Angew. Chem. Int. Ed. Engl., vol 36 (19); 2097-2103.	
	CE	Lack et al., "Neue Reaktionen Fur die Kombinatorische Chemie", 1996; Chimia, vol 50; 445-447.	
	CF	Balkenhohl et al., "Combinatorial Synthesis of Small Organic Molecules", 1996; Angew. Chem. Int. Ed. Engl., vol 35;2288-2337.	
	CG	Ostendorf et al., "Aptamere: ein neuer Ansatz fur Interventionsstudien und zur Entwicklung zukunftiger Therapieansatze", 1999; Med Klin, vol. 94 (4); 219-223. Abstract	
	CH	Weber et al., "Optimization of the Biological Activity of Combinatorial Compound Libraries by a Genetic Algorithm", 1995; Angew. Chem. Int. Ed. Engl.; vol34(20);2280-2282	
	CI	Fauchere et al., "Combinatorial chemistry for the generation of molecular diversity anf the discovery of bioactive leads", 1998; Chemometrics and Intelligent Laboratory Systems; vol. 43; 43-68	
	CJ	Ugi et al., "Molecular Libraries In Liquid Phase Via Ugi-Mcr", 1996; Res. Chem. Intermed.; vol. 22(7); 625-644	
	CK	Wendy A. Warr, "Combinatorial Chemistry and Molecular Diversity. An Overview", 1997; J. Chem. Inf. Comput. Sci.; vol. 37; 134-140	
	CL	Alexander Domling, "Isocyanide Based Multi Component Reactions in Combinatorial Chemistry", 1998; Combinatorial Chemistry & High Throughput Screening, vol. 1; 1-22	
	CM	Khosla et al., "Generation of Polyketide Libraries via Combinatorial Biosynthesis", 1996, TIBTECH, vol. 14:335-341	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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Application No. (if known): 09/889,807

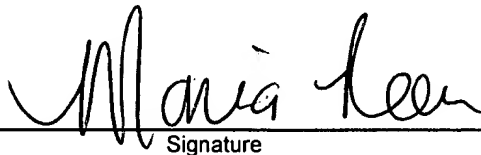
Attorney Docket No.: 56268(41925)

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